

Amendments to the Claims:

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims

Claim 1. (amended) An isolated polynucleotide molecule comprising a polynucleotide sequence that encodes a connective tissue growth factor homolog polypeptide [that is at least 70% identical to the amino acid sequence] as shown in SEQ ID NO: 2 from residue 24 to residue 354.

Claims 2-4. canceled

Claim 5. (amended) An isolated polynucleotide acid molecule that encodes a connective tissue growth factor homolog polypeptide wherein the polynucleotide molecule is selected from the group consisting of :

(a) a molecule [molecules] having the nucleotide sequence of SEQ ID NO:1 from nucleotide 17 or 85 [86] to nucleotide 1078; and

(b) a molecule [encoding the amino acid sequence having the nucleotide sequence of SEQ ID NO:3 from nucleotide 1 or 70 to nucleotide 1062]; and

(c) a molecule that hybridizes under stringent wash conditions to a polynucleotide molecule having the nucleotide sequence of nucleotides 86 to 1078 of SEQ ID NO:1, or the complement of nucleotides 86 to 1078 of SEQ ID NO:1].

Claim 6. canceled

Claim 7. (original) An expression vector comprising the following operably linked elements:

a transcription promoter;

a DNA segment comprising the isolated polynucleotide molecules of claim 1; and

a transcription terminator.

Claim 8. (original) A cultured host cell into which has been introduced the expression vector of claim 7.

Claim 9. (original) A method of producing a connective tissue growth factor homolog polypeptide comprising:

- (a) culturing the hosts cells of claim 8; and
- (b) isolating the connective tissue growth factor homolog polypeptide from the cultured host cells.

Claims 10-13. canceled

Claims 14. (withdrawn) An antibody or antibody fragment that specifically binds with the polypeptide of claim 10.

Claim 15. (withdrawn) A method of detecting the presence of connective tissue growth factor homolog polypeptide in a biological sample, comprising the steps of:

- (a) contacting the biological sample with an antibody, or an antibody fragment of claim 14, wherein the contacting is performed under conditions that allow the binding of the antibody or antibody fragment to the biological sample, and
- (b) detecting any of the bound antibody or bound antibody fragment.

Claim 16. (withdrawn) An anti-idiotypic antibody, or anti-idiotypic antibody fragment, that specifically binds with the antibody or antibody fragment of claim 14.

Claim 17. (withdrawn) A method of detecting a chromosome 6q abnormality in sample from an individual comprising:

- (a) obtaining zCTGF4 RNA from the sample;
- (b) generating zCTGF4 cDNA by polymerase chain reaction; and
- (c) comparing the nucleic acid sequence of the zCTGF4 cDNA to the nucleic acid sequence as shown in SEQ ID NO: 1.

Claim 18. (withdrawn) The method of claim 18, wherein the difference between the sequence of the zCTGF4 cDNA or zCTGF4 gene in the sample and the zCTGF4 sequence as shown in SEQ ID NO: 1 is indicative of chromosome 6q abnormality.